## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	420	(62/179).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/06/16 14:52
L2	1341	(62/126,127).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/06/16 14:52
L3	287	(417/7,8).OOLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/06/16 14:52
L7	893	process near control near plant	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/16 15:46
L9	30	("3298192"   "3312081"   "4038061"   "4550572"   "4573025"   "4700292"   "4774814"   "4928500"   "4938105"   "4939909"   "5035118"   "5182925"   "5237837"   "5288691"   "5303560"   "547694"   "5477694"   "5491978   "5588446"), PN. OR ("5901561"), UFPN. OR	US-PGPUB; USPAT; USOCR	ŌR	ON	2010/06/16

L10	15	("3149224"   "3210605"   "3646560"   "3678354"   "3792289"   "4268884"   "4642481"   "4758918"   "47582419"   "5062278"   "5463874"   "85284444"   "85284444"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 16:37
L11	19	("5875641"). URPN.  ("4064488"   "4122720"   "4158431"   "4166243"   "4245315"   "4245315"   "4327556"   "4333316"   "4381549"   "4432210"   "4488409"   "4573325"   "4578378", N. OR ("4741170"). URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/06/16 17:09
L12	17	("2826044"   "3170304"   "3702064"   "4005585"   "4034570"   "4038061").FN. OR ("4232530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:20
L13	3	(("4307775") or ("4663940") or ("4821528")).PN.	USPAT	OR	OFF	2010/06/16 17:29
L14	22	("4307775"   "4333316"   "4381549"   "4432210"   "4598355"   "4646528").PN. OR ("4821528").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16
L15	7	("4381549"   "4432210"   "4488409").PN. OR ("4663940").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2010/06/16 17:32

L16 [5	50	("3742302"   "3742303"   "39529704"   "3952964"   "4038061"   "4041451"   "404406"   "4104888").PN. OR ("4307775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:32
L17 E	50	(US 20070157650 \$ or US 20040148953 \$ or US 20040148953 \$ 20070089454 \$ or US 20040148953 \$ US-20020134104 \$ US-20020134104 \$ US-20020134104 \$ US-20020134104 \$ US-20020134 \$ or US-3030009 \$ or US-53341658 \$ or US-5341658 \$ or US-5634347 \$ or US-3595028 \$ or US-3595028 \$ or US-3595028 \$ or US-3595028 \$ or US-3754405 \$ or US-3754405 \$ or US-3865439 \$ or US-392897 \$ or US-392897 \$ or US-4452050 \$ or US-4378977 \$ or US-4452050 \$ or US-4452050 \$ or US-4452050 \$ or US-4452050 \$ or US-4452627 \$ or US-4645541 \$ or US-4685308 \$ or US-4719767 \$ or US-44719767 \$ or US-44719767 \$ or US-44820372 \$ or US-4482372 \$ or US-448235 \$ or US-4482635 \$ or US-5068395 \$ or US-	US PGPUB; USPAT	AND	ON	2010/06/16 17:35

		5140825-\$ or US- 5165243-\$ or US- 5168709-\$ or US- RE34231-\$ or US- 5230223-\$ or US- 5237826-\$).did.		***************************************		
L18	40	((MASAAKI) near2 (TAKEGAMI)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L19	103	((KENJI) near2 (TANIMOTO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L20	9	(L18 or L19) and (breaker or sequential\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L21	516	(62/228.5).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:35
L22	690	(62/230).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:35
L23	136	(L21 or L22) and (breaker or sequential\$2)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L24	21	("4207611"   "4617510"   "4663725"   "4725959"   "4884033"   "4918932").FN. OR ("5140825").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L25	48468	("236").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:35
L26	4	L25 and (breaker same sequential same failure)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L27	106861	("62").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:35
L28	2	L27 and (breaker same sequential same failure)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L29	2	("2157329").URPN.	USPAT	AND	ON	2010/06/16 17:35
L30	31	("2157329"   "3050003"   "3136871"   "3667022"   "3914752"   "4179242"   "4297081").PN. OR ("4444455").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L31	2	("2157329").URPN.	USPAT	AND	ON	2010/06/16 17:35

L32	40	(breaker same sequential same failure)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L33	3	(breaker same sequential same failure) and (refriger \$5)	US-PGPUB; USPAT; USOOR	AND	ON	2010/06/16 17:35
L34	1	L27 and (breaker same (sequential) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on)))	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L35	1	L27 and (breaker same (sequential or (in adj order) or consecutive) same (failure or faulty or tirp or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on)))	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L36	143	(breaker same (sequential or (in adj order) or consecutive) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on)))	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L37	3	(breaker same (sequential or (in adj order) or consecutive) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on))) and (refrig\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35

L38	12	(breaker and (sequential or (in adj order) or consecutive) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on))) and (refrig\$\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L39	143	((sequential or (in adj order) or consecutive) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on))) and (refrig\$7) and (refrig\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L40	59	((sequential) same (failure or faulty or trip or stop or malfunction) same (energize or (start adj up) or startup or activate or (turn adj on))) and (refrig\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L41	20	("3906242"   "4031406").PN. OR ("4090088").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L42	14	("3017662"   "3400426"   "3435102"   "3601854").PN. OR ("3837774").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L43	7	("3817052"   "4022598"   "4307775"   "5467245"   "5537834"   "6758051").PN. OR ("7032397").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L44	26	L27 and (sequential same failure)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35

L45	809	L27 and ((failure or faulty or trip or malfunction) same (energize or (start adj up) or startup or activate))	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L46	80	L27 and ((failure or faulty or trip or malfunction) same (energize or (start adj up) or startup or activate)) and breaker	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L47	0	(automatic section switch).ti.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L48	173	(automatic section switch).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/16 17:35
L49	0	(automatic section switch for distribution line).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/16 17:35
L50	17	(automatic section switch distribution line).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/16 17:35
L51	43358	(automatic section switch distribution line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/16 17:35
L52	418	L27 and (automatic section switch distribution line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/16 17:35
L53	14	L27 and (automatic section switch distribution line)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2010/06/16 17:35

L54	106861	("62").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/16 17:35
L55	40	L54 and (breaker same failure same refrig\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L56	23	L54 and ((circuit adj2 breaker) same failure same refrig \$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L57	1330	L54 and (((circuit adj2 breaker) or (fuse) or (overload)) same refrig\$7)	US-PGPUB; USPAT; USOOR	AND	ON	2010/06/16 17:35
L58	175	L54 and (((circuit adj2 breaker)) same refrig\$7)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/16 17:35
L59	16	("4652769"   "4819714"   "5065591"   "5070704"   "5128855"   "5131237"   "5327742"   "5480006"   "5480006"   "5586444"   "5582224"   "5778692"   "57999180").PN. OR ("6711445").UFPN.	US-PGPUB; USPAT; USOOR	AND	ON	2010/06/16 17:35
L60	14	("4184341"   "429996"   "4259847"   "5103650"   "5996363"   "6003323"   "6131401"   "6185946"),PN. OR ("6698217"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:35
L61	14	("5108475"   "5318104"   "5335508"   "5447038").PN. OR ("6131401").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/16 17:35

## EAST Search History (Interference)

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- 6/16/2010 5:55:31 PM
- C:\ Documents and Settings\ truby\ My Documents\ EAST\ Workspaces\ 10-586130 Amended. wsp